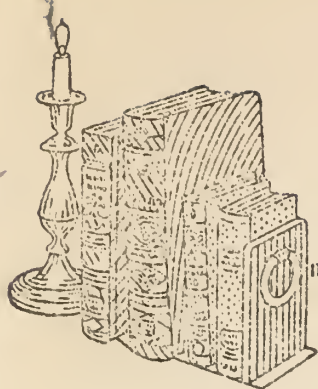


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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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NEW ORLEANS 12, LOUISIANA

Vol. 7, Nos. 3-4.

September-October 1948.

"Employers have found that, other things being equal, a well-read and thoughtful person is more likely to become a valuable and trusted official than a person whose mind has closed for a long vacation." --P. E. McDonald.

## NEW BOOKS IN THE LIBRARY

OUR ENEMY THE TERMITE, by T. E. Snyder. Revised edition. Comstock, 1948. 257p. 432 Sn9 1948

This book opens with a most interesting discussion of what termites are and goes on to a consideration of the caste system and life habits of the insect. The greater part of the book deals with the damage done by termites and the various methods of control. Dr. Snyder has worked for many years with the Bureau of Entomology and Plant Quarantine and is an authority on the termite.

ROAD TO SURVIVAL, by William Vogt. Sloane, 1948. 335p. 279 V86

Advance reader reports on this book included that of Aldo Leopold who said, "This book is the most lucid analysis of human ecology and land use that I have yet encountered. It is as dramatic and as absorbing as any piece of fiction and what is more it is written by a keen-minded scientist who knows his facts thoroughly. I hope every thoughtful man and woman in this atomic age will read it." Clifton Fadiman stated: "Road to Survival should--and I think it will--arouse all Americans to a consciousness of how we are ruining the very soil beneath our feet and thereby committing suicide, not too slowly either. Let us hope it will energize a rescue squad, 140,000,000 strong."

SOILLESS GROWTH OF PLANTS, by C. Ellis and M. W. Swaney. Second edition revised and enlarged by Tom Eastwood. Reinhold, 1947. 277p. 90.15 EL5 Ed.2

Tom Eastwood was until recently in charge of one of the largest and most successful soilless gardening operations in the world--the installation maintained on the island of Aruba, Netherlands West Indies, for the purpose of supplying fresh vegetables to personnel of the oil refineries there. He states in his Foreword: "Hydroponics has a definite place in agriculture. Its chief value lies in two applications: the first is in areas wherein suitable agricultural soil does not exist, but the climatic conditions are suitable for crop production. The second is its use as an improved type of forcing technique in greenhouses for growing crops which have a high return value." The first five chapters of the book give rather general information about the types of soilless culture--water, sand, and gravel culture--and detailed construction information. There follow two chapters on preparing nutrient solutions. The rest of the book deals with actual plant



culture.

BACKGROUND READING WHILE YOU WAIT

Many of you are waiting for Fairfield Osborn's Our Plundered Planet listed in the June-July Newsletter. The list of names is growing! Some names are already on our reserve list for William Vogt's Road to Survival. Surely many of you will want your names added to that list.

Perhaps while you await your turn for these books, you would like to read two or three of the books listed as background references by both authors. Those which we have in our library are listed below:

American Philosophical Society. SYMPOSIUM ON FORESTRY AND THE PUBLIC WELFARE. 1945. pp. 399-488. 500 P533

- \* Bennett, H. H. SOIL CONSERVATION. 1939. 993p. 56.7 B43S
- Bowman, Isaiah. FOREST PHYSIOGRAPHY. 1911. 759p. 331 B68
- Brandt, Karl. THE RECONSTRUCTION OF WORLD AGRICULTURE. 1945. 416p. 281 B733
- Chase, Stuart. RICH LAND, POOR LAND. 1936. 361p. 279 C38
- \* Craven, A. O. SOIL EXHAUSTION AS A FACTOR IN THE AGRICULTURAL HISTORY OF VIRGINIA AND MARYLAND, 1606-1860. 1926. 179p. 56.6 C85
- # Elton, Charles. ANIMAL ECOLOGY. 1927. 207p. 411 EL8
- Ely, R. T. LAND ECONOMICS. 1940. 512p. 282 E19L
- Graham, E. H. THE LAND AND WILDLIFE. 1947. 232p. 282.12 G76
- \* Graham, E. H. NATURAL PRINCIPLES OF LAND USE. 1944. 274p. 282 G76  
(Shows how man on the land can adapt himself to nature's laws.--Vogt.)
- Graves, H. S. FOREST EDUCATION. 1935. 421p. 99.06 G78E
- Heske, Franz. GERMAN FORESTRY. 1938. 342p. 99.66 H46
- Howard, Sir Albert. THE SOIL AND HEALTH. 1947. 307p. 56.6 H83S
- # Johnson, Vance. HEAVEN'S TABLELAND. 1947. 288p. 138 J632  
(Ten names now on our reserve list for this book.)
- \* Kellogg, C. E. THE SOILS THAT SUPPORT US. 1941. 370p. 56 K29
- Leopold, Aldo. GAME MANAGEMENT. 1933. 481p. 412.9 L55
- Lowdermilk, W. C. PALESTINE, LAND OF PROMISE. 1944. 236p. 280.185 L95
- Lutz, H. J. FOREST SOILS. 1946. 514p. 56.3 L97
- Lyon, T. L. THE NATURE AND PROPERTIES OF SOILS. 4th ed. 1943. 499p. 56 L99N
- Mickey, Karl B. HEALTH FROM THE GROUND UP. 1946. 125p. 56.6 In8
- # Pearson, F. A., and Harper, L. A. THE WORLD'S HUNGER. 1945. 90p. 389 P313  
(Rarely has so much of significance been so clearly stated in so few words.--Vogt.)
- Pennsylvania. University. Bicentennial Conference. CONSERVATION OF RENEWABLE NATURAL RESOURCES. 1941. 200p. 279.12 P38
- # Sears, P. B. DESERTS ON THE MARCH. Second edition. 1947. 178p. 277.12 Scl  
(Eighteen names now on our reserve list for this book.)
- Stiles, Walter. TRACE ELEMENTS IN PLANTS AND ANIMALS. 1946. 189p. 395 St5
- U. S. Dept. of Agriculture. SOILS AND MEN. Yearbook of Agriculture 1938. 1232p. 1 Ag84Y
- Weir, W. W. SOIL SCIENCE. 1936. 615p. 56 W43
- \* Whyte, R. O., and Jacks, G. V. VANISHING LANDS. 1939. 332p. 56.7 J13V
- Zon, Raphael. FOREST RESOURCES OF THE WORLD. 1923. 2v. 99.1 Z7

# Listed only in Road to Survival.

\* Listed in both Road to Survival and Our Plundered Planet.

## A NEW PERIODICAL

WHAT'S NEW IN CROPS AND SOILS, published nine times a year by The American Society of Agronomy.

More popular than the Society's Journal. This first issue contains interesting articles, among them: "Our New Grassland Philosophy," by O. S. Aamodt; "Will Chemical Weedkilling Replace Cultivation," by G. C. Klingman; "Castor Seed An Old Crop With the New Look," by W. E. Domingo; and "A New Approach to Erosion Control," by G. F. Brown and W. D. Ellison. In addition to several other articles there are news items, notes on new research, personnel items, a list of new publications.

Other periodicals received by the library and not previously listed are:

MISSOURI CONSERVATIONIST, published monthly by the Missouri Conservation Commission.

An excellent magazine on the conservation of wildlife. Not limited to conditions in Missouri.

RESEARCH AND FARMING, published quarterly by the North Carolina Agricultural Experiment Station.

While the articles deal with N. C. conditions, much of the information is applicable elsewhere.

TEXAS FOREST NEWS, published by the Texas Forest Service.

Let us know if you wish to be placed on the circulation list for these periodicals.

## SELECTED BOOKS AND BULLETINS

### Forestry

"Get Your Money's Worth From Forestry," by R. R. Reynolds. Southern Forest Expt. Sta. Occasional Paper 112. August 1948. 7p. 1.9 F76240 112

THE GREAT FOREST, by Richard G. Lillard. Knopf, 1947. 399p. 99.04 L62

"...Tells how the forest has influenced American settlement and culture and in turn how the forest has been influenced by the events made possible by itself."

"Poplar Planting." Forestry Commission (London). Leaflet 27. 1948. 14p.

"Tree Grades for Loblolly and Shortleaf Pine," by Staff of Central Coastal Plain Branch. Southeastern Forest Expt. Sta. Tech. Note 69. August 1948. 13p. 1.9 F7623T 69

### Horticulture

"Better Rural Yards," by J. E. Harper and others. Florida Curriculum Laboratory, State University. 1942. 53p. 97.06 H23  
Helpful and practical booklet.

HERBS: THEIR CULTURE AND USES, by R. E. Clarkson. Macmillan, 1944. 226p. 97.21 C56H 1944

Propagation and culture, harvesting and drying, herb products, use of herbs in cooking--these are some of the items discussed in this book.

THE HOME BOOK OF TREES AND SHRUBS, by J. J. Levison. Simon and Schuster, 1940. 424p. 97.3 L57

A very beautiful book. The sub-title informs us that it is "A layman's guide to the design, planting, and care of the home grounds, with information on lawns, woodlands, flower borders, garden accessories, and the identification of trees."



"How To Prune Fruit Trees," by R. S. Martin. Murray & Gee, 1944. 90p. 93.5 M36

SHRUBS AND TREES FOR THE SMALL PLACE, by P.J. Van Melle. Scribner's, 1943. 298p.  
97.31 V33

A comparative evaluation of a wide range of hardy, ornamental, deciduous shrubs and small trees from the viewpoint of their usefulness in small home landscapes.

SOUTHERN HORTICULTURE, by H. P. Stuckey. Smith, 1944. 688p. 90 St92

The necessary information for the production of fruits that grow in the south. A few chapters devoted to vegetables.

"Strawberry Culture: South Atlantic and Gulf Coast Regions," by G. M. Darrow. USDA Farmers' Bul. No. 1026. Revised February 1948. 40p. 1 Ag84F 1026

TREE EXPERTS MANUAL, by R. R. Fenska. DeLaMare, 1943. 192p. 97.7 F36  
Information on the care of shade and ornamental trees.

### Livestock

THE ARTIFICIAL INSEMINATION OF FARM ANIMALS, edited by E. J. Perry. Rutgers Univ. Press, 1946. 265p. 40 P42

Discusses advantages, limitations, and procedures of artificial insemination as well as better breeding of livestock.

BEEF CATTLE PRODUCTION IN THE SOUTH, by D. W. Williams. Interstate, 1941. 442p.  
43 W67

Material in this book deals specifically with the jobs and problems that are peculiar to the South.

BREEDS OF LIVE STOCK IN AMERICA, by H. W. Vaughan. Adams, 1937. 780p. 40 V46B

The type, characteristics, properties, and adaptability of the various breeds of cattle, sheep and goats, swine, and horses, ponies, and jacks are considered in this book.

ELEMENTS OF LIVESTOCK JUDGING, by W. W. Smith. Lippincott, 1941. 294p. 40 Sm6

"The ability to judge livestock is the most essential and constantly used talent of the livestockman." This book should increase that ability.

GENERAL SCIENCE OF LIVESTOCK, by M. M. Smith. Boerne Star, Boerne, Texas. 1941.  
381p. 40 Sm62

An appeal to stockmen to improve their livestock.

RANGE BEEF PRODUCTION IN THE SEVENTEEN WESTERN STATES, by F. S. Hultz. Wiley, 1930.

The book includes the essential, successful ranch practices along with recent results of experimental work in range beef production (recent in 1930). Western parts of Texas and Oklahoma are included in the region under consideration.

### Wildlife

FIELD BOOK OF NORTH AMERICAN MAMMALS, by H. E. Anthony. Putnam's, 1928. 625p.  
412.1 An8

Descriptions of every mammal known north of the Rio Grande, together with brief accounts of habits, geographical ranges, etc.

"Furbearers and Game Mammals of Oklahoma." Oklahoma Game and Fish Department. 1948.  
43p.

"How To Catch More Fur With Oneida Victor Traps." Animal Trap Company of America. 1945. 48p.

Instructions on how to catch more fur, dramatic stories of pioneer trappers, and hints and kinks for outdoorsmen.

THE PRACTICAL VALUE OF BIRDS, by Junius Henderson. Macmillan, 1934. 342p.

413 H382

An analysis and digest of the literature discussing the food habits of birds and their relation to the material welfare of the human race.

"Upland Game Birds of Oklahoma," Oklahoma Game and Fish Department. 1948. 32p.

WILDLIFE CONSERVATION, by I. N. Gabrielson. Macmillan, 1941. 250p. 412.9 G11

An effort to put into simple language the basic facts in the field and to emphasize that the various programs for the conservation of soil, water, forests, and wildlife are so closely interwoven that each vitally affects one or more of the others.

#### Miscellaneous

THE HOLY EARTH, by L. H. Bailey. Reprinted by The Christian Rural Fellowship in 1946. 117p. 30.4 B15

First written in 1915, on a ship in the South Seas, this little book expresses Liberty Hyde Bailey's attitude toward life and the earth. Inspirational.

"LaMotte Soil Handbook," Reprinted in 1948. 56p.

Contains practical information on soils with a comprehensive list of plants and their soil reaction preferences.

LAND ECONOMICS, by R. R. Ronne. Harper, 1947. 736p. 282 R29

A comprehensive picture of the basic factors involved in the utilization of land resources.

"Methods of Field Curing Hay," by T. H. Jones and R. F. Dudley. Miss. Agr. Expt. Sta. Cir. 137. 1948. 7p. 100 M69C 137

"Portable Cleaners for Seed Grain," by G. B. Alcorn and others. Calif. Agr. Col. Ext. Cir. 141. 1948. 20p. 275.29 C12C 141

"The Response of Clover and Total Forage to Top-Dressing Fertilizers," by F. S. Prince and others. N. H. Agr. Expt. Sta. Cir. 74. 1947. 12p. 100 M45 74

"Simple Plumbing Repairs in the Home," by G. M. Warren. USDA Farmers' Bul. No. 1460. Revised February 1948. 14 p. 1 Ag84F 1460

"The Use of High Protein Meal As A Supplement to Grazing on Native Forest Range." Ga. Coastal Plain Expt. Sta. Mimec. Paper 56. 1948. 7p. 100 G292M

"The Use of Logs and Poles in Farm Construction," by T. A. H. Miller. USDA Farmers' Bul. No. 1660. Revised February 1948. 26p. 1 Ag84F 1660

#### Pamphlets On Subjects Of Current Interest

"Good Health Is Good Business." National Planning Association, Planning Pamphlet No. 62. Feb. 1948. 14p. 280.9 N2153N

"New Threats To American Freedoms," by R. E. Cushman. Public Affairs Pamphlet No. 143. Sept. 1948. 32p. 280.9 N2153

"The Guaranteed Annual Wage," by A. Calder and J. L. Knipe. National Planning Association, Planning Pamphlet No. 63. Aug. 1948. 38p. 280.9 N2153N

"The Marshall Plan," by S. S. Alexander. National Planning Association, Planning Pamphlet Nos. 60-61. Feb. 1948. 68p. 280.9 N2153N

"Power, Machines, and Plenty," by G. Waldron and J. F. Dowhurst. Public Affairs Pamphlet No. 142. June 1948. 32p. 280.9 N2153  
Based largely on America's Needs and Resources by J. F. Dowhurst and Associates.



"These Rights Are Ours To Keep," by Jerome Ellison. Public Affairs Pamphlet No. 140. 1948. 31p. 280.9 N2153

### ATOMIC RESEARCH AND THE FARMER

A packet of articles on this subject is available from the library. We shall be glad to send it to you if you are interested.

### A QUIZ FOR YOU

We will not send you \$64 or a new refrigerator if your answers are correct, but you will gain our gratitude and appreciation if all your answers are "Yes"!

1. Do you keep current periodicals only the three days allotted to you?
2. Do you request publications on Form AD-245?
3. Do you note the date due on the slip inside the front cover of a book and return the publication when it is due?
4. Do you wrap books in corrugated paper to protect their bindings in the mail?
5. Do you notify the library when you change your address--by memo and not just on a routing slip?

DO YOU?

### A PUZZLE FOR US

Someone requested a photoprint of "Grazing Land Management" by Volney M. Douglas, pages 5 through 31. He did not put his name on the request. Will whoever wants it please request it again? We frequently receive requests with no name or address on them. We cannot fill such requests. Please be careful to give us all the information we need when you ask for things.

### MISSING

A bound volume of the Journal of Forestry (Vol. 42, 1944) is missing from our shelves. We have been unable to locate it anywhere and have no charge record for it. It is a dark red volume. We shall appreciate it if you will look for it in your office--even if you think it could not possibly be there!

Helen Boyd, Librarian